CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Intel Corporation

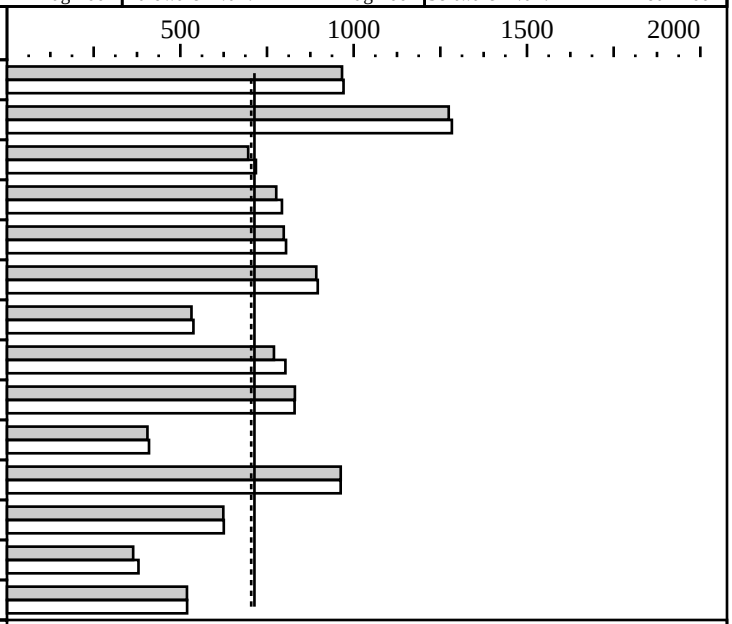
Intel D850GB motherboard (2.0 GHz, Pentium 4 processor)

SPECfp2000 = 714

SPECfp_base2000 = 704

SPEC license #: 13 | Tested by: Intel Corporation | Test date: Aug-2001 | Hardware Avail: Aug-2001 | Software Avail: Jun-2001

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	166	966	165	971
171.swim	3100	243	1274	242	1283
172.mgrid	1800	259	696	251	718
173.applu	2100	270	777	265	793
177.mesa	1400	175	798	174	805
178.galgel	2900	325	892	324	896
179.art	2600	489	532	483	538
183.equake	1300	169	770	162	803
187.facerec	1900	229	830	229	830
188.ammp	2200	543	405	537	410
189.lucas	2000	208	963	208	963
191.fma3d	2100	337	624	336	625
200.sixtrack	1100	302	364	290	379
301.apsi	2600	501	519	500	520



Hardware

CPU:	Pentium 4 processor (2.0 GHz, 400 MHz bus)
CPU MHz:	2000
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12k micro-ops I + 8KBD on chip
Secondary Cache:	256KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	256 MB (2 128 MB PC800 RDRAM non-ECC modules)
Disk Subsystem:	IBM DTLA-307030 ATA-100
Other Hardware:	None

Software

Operating System:	Windows 2000(Build 2195, SP2)
Compiler:	Intel C++ Compiler 5.0.1 Build 010525Z Intel Fortran Compiler 5.0.1 Build 010525Z Microsoft Visual C++ 6.0 SP5(for libraries) MicroQuill SmartHeap library V6.0
File System:	FAT32
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=  -Qprof_gen  PASS2=-Qprof_use
Base tuning:  -Qipo -QxW -O3 +FDO
Portability:
178.galgel:   -FI /F32000000
Peak tuning:
168.wupwise:  -Qipo -QxW  -O3 +FDO
171.swim:     -Qipo -QxW  -O3 +FDO
172.mgrid:    -Qipo -QaxW -O3 +FDO
173.applu:    -Qipo -QxW  -O3 -Qscalar_rep- -Qauto +FDO
177.mesa:     -Qipo -Oa -QxW -O3 +FDO
178.galgel:   -Qipo -QxW  -O3 +FDO
179.art:      -Qipo -QxW  -O3 -Oa +FDO
183.equake:   -Qipo -QxW  -Oa -Qrcd +FDO
187.facerec:  -Qipo -QxW  -O3 +FDO
187.facerec:  LIBS=libIEPCF90.lib libintrins.lib libF90.lib
              libqwin.lib libm.lib shlW32M.lib LIBC.lib
              libirc.lib OLDNAMES.lib
```

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

```
188.ammp:     -Qipo -QxW  -O3 -Oa +FDO
189.lucas:    -Qipo -QxW  -O3 +FDO
191.fma3d:    -Qipo -QxW  -O3 +FDO
200.sixtrack: -Qipo -QxW  +FDO
301.apsi:     -Qipo -QxW  -O3 +FDO
LIBS=libIEPCF90.lib libintrins.lib libF90.lib libqwind.lib libm.lib shlW32M.lib
     LIBC.lib libirc.lib OLDNAMES.lib
shlW32M.lib is the SmartHeap library V6.0 from Microquill:
http://www.microquill.com
Tested systems can be used with Shin-G ATX case, Delta Inc. power supply PS-300GB-1 B
Product description located as of 11/2000:
http://developer.intel.com/design/motherbd/gb/gb_ds.htm
Motherboard is available through Intel OEM Distribution Channel. See
http://channel.intel.com/business/ibp/boards/d850gb.htm for more information
The system bus runs at 400 MHz
```